

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

8470 Multi-Conductor - High-Conductivity Copper Speaker Cable Open Twisted Const



For more Information
please call

1-800-Belden1



General Description:

16 AWG stranded (19x29) ETP high-conductivity tinned copper conductors, PVC insulation, cabled.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	19x29	High Conductivity TC - Tinned Copper

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PVC - Polyvinyl Chloride	0.105

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
Unjacketed

Overall Cable

Overall Nominal Diameter: 0.210 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

UL Temperature Rating: 80°C (UL AWM Style 1007)

Bulk Cable Weight: 24 lbs/1000 ft.

Max. Recommended Pulling Tension: 94 lbs.

Min. Bend Radius/Minor Axis: 2.250 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

AWM Specification: UL Style 1007 (300 V 80°C)

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

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Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (μH/ft)
.19

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.8

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 1007)

Max. Recommended Current:

Current
7.1 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8470 063U1000	1,000 FT	26.000 LB	BLACK & WHITE		TW PR BLK & WHT
8470 0631000	1,000 FT	26.000 LB	BLACK & WHITE	C	TW PR BLK & WHT
8470 063500	500 FT	13.000 LB	BLACK & WHITE		TW PR BLK & WHT

Notes:

C = CRATE REEL PUT-UP.

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